

AMENDMENTS TO THE CLAIMS

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1. (currently amended) A method of time calibration comprising the steps of:
 - determining a calibration time using system timing information and embedded satellite timing information; ~~and~~
 - transmitting to a base station the calibration time and a reference frame identifier, wherein the reference frame identifier specifies a frame boundary of a reference system pulse corresponding to the system timing information used in the determination of the calibration time; and
 - either receiving aiding information associated with at least one satellite signal and holding information for indicating when the aiding information expires; or transmitting a time for indicating a time duration wherein an estimated frequency or code phase search range is valid.
 2. (currently amended) A method of time calibration comprising the steps of:
 - receiving at a receiver a message at a base station having a calibration time and a reference frame identifier, wherein the message is received over one or more frames, the reference frame identifier specifying a frame boundary of a reference system pulse, the calibration time being determined using satellite timing information and the reference system pulse; and
 - synchronizing the receiver to satellite timing using the calibration time, the reference frame identifier and a reference point in a frame specified by the reference frame identifier; and
 - determining a second calibration time at the receiver using a detected satellite signal; and
 - transmitting the second calibration time.
 3. (previously added) The method of claim 1 comprising the additional step of:
 - receiving a request to perform timing calibration prior to the step of determining the calibration time.

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4. (previously added) The method of claim 1, wherein the step of determining the calibration time comprises the steps of:
 - detecting at least one satellite signal; and
 - determining the embedded satellite timing using the detected at least one satellite signal.
 5. (previously added) The method of claim 4 comprising the additional step of:
 - receiving Doppler frequency information associated with the at least one satellite signal being detected prior to the step of detecting the at least one satellite signal.
 6. (canceled)
 7. (canceled)
 8. (previously added) The method of claim 1 comprising the additional step of:
 - transmitting an estimated frequency or a code phase search range.
 9. (canceled)
 10. (previously added) The method of claim 2, wherein the step of receiving at the receiver the message having the calibration time and the reference frame identifier comprises the step of:
 - time stamping the message to indicate a time at which the message was received by the receiver.
 11. (canceled)
 12. (currently amended) The method of claim ~~11~~ 2, wherein the second calibration time is based on a one way propagation delay between the receiver and a transmitter from which the message having the calibration time and the reference frame identifier was transmitted.
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